

TEAC

R5B/W

DAB+/FM digital radio



USER MANUAL

IMPORTANT !

WARRANTY INFORMATION INSIDE. PLEASE READ

Please read the owner's manual carefully and ensure that you have followed the correct installation and operating procedures.

1. Please read this warranty card.
2. Keep your purchase receipt to enable you to proceed quickly in the event of a Warranty Service.
3. If you require Warranty Service, please contact the TEAC Customer Support Hotline at 1300 553 315 for assistance. Please ensure that you have the model number, serial number and purchase receipt ready when you call.

Please complete the section below and keep this information for your own records.

Owner's Name

Owner's Address

Postcode

Model Name/No.

Serial No.

Dealer's Name

Dealer's Address

Postcode

Authorised Service Centres in Major Australian Cities

NSW

151 Arthur Street
Homebush West, NSW 2140

Queensland

Unit 1, 320 Curtin Ave West
Eagle Farm, QLD 4009

Western Australia

Unit 2, 50 Pilbara Street
Welshpool, WA 6106

South Australia

11 McInnes Street
Ridleyton, SA 5008

Victoria

282 Normanby Road
South Melbourne, VIC 3205

Thank you for selecting a TEAC product.

If you should require assistance with your product regarding its setup or operation, or if any difficulties arise, please call us directly for advice between Monday to Friday at 8.30AM – 6PM AEST at the

TEAC Customer Support Hotline

1300 553 315

teacservicesupport@awa.com.au

www.teac.com.au

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Terms & Conditions

1. TEAC warrants that this product is free from defects in material and workmanship under normal domestic use with reasonable care and skill. Maintenance and cleaning (i.e. laser head) is not covered by this warranty. The TEAC warranty only applies to TEAC products purchased, used and serviced in Australia.
2. The benefits to the consumer given by this Warranty are in addition to other rights and remedies of the consumer under a law in relation to goods or services to which the warranty relates, being the Australian Consumer Law.
3. Refund or replacement via your retailer is available for a period of 14 days after purchase for goods that have been inspected and determined to have a major failure. Refund and exchange is not applicable for change of mind.
4. Subject to the terms herein, this warranty effectively covers the equipment as specified in the Warranty Periods Table below from the date of purchase.

TEAC PRODUCT	WARRANTY PERIOD
LED/LCD TV 32" (80 cm) and above	1 Year (In-Home Service/ Pick up Available)*
All other TEAC products	1 Year (Carry-in Service)

5. In Home Service/Pick up* Service
This service will only be provided as part of this warranty if all the following conditions are met;
 - a) The product is indicated in the Warranty Period Table.
 - b) The product is within the warranty period.
 - c) The product is located within the normal service area of the local TEAC Authorised Service Centre.

If TEAC determines that the product is not repairable on site, TEAC can complete the repair by taking the product to a TEAC Authorised Service Centre.

Carry-in Service

Where In-Home service/Pick up* is not available, the purchaser is required to send the product to the nearest TEAC Authorised Service Centre for repair. In this event, proof of purchase is required to support a warranty claim. After the repair, the product will be available for collection by or return to the purchaser at a fee upon request. TEAC in-home service can be made available at a fee upon request.

6. A 12-month replacement warranty is applicable to all Accessories such as Remote, Power Adaptors and Cables.
7. TEAC will ensure to the best of its abilities that all required parts are made available for any required service/repair.
8. TEAC Australia Pty Ltd and its Authorised Service Centres will use their best endeavours to complete product repairs within a reasonable period based on available resources and workload during the time when service is requested and performed.
9. Refurbished parts may be used to repair the product. In the case of a replacement, the product may be replaced, with a refurbished unit of the same type or, if one is unavailable, a similar refurbished model with equal or better features & specifications.
10. Please be advised that if the product presented for repair is capable of retaining user-generated data, the data may be lost during servicing. Customers are strongly encouraged to back up all important information/data before sending the product in for service/repair.
11. Service will be provided only during normal business hours and under safety conditions and circumstances. TEAC and its authorised service agents can refuse any repair if safety, in relation to OH&S, becomes a concern to its staff or authorised service agents' personnel.
12. The warranty is void and warranty claims may be refused, subject to the Australian Consumer Law, if:
 - a) The product was not transported, installed, operated or maintained according to manufacturer instruction, or
 - b) The product was abused, damaged, tampered, altered or repaired by any unauthorised persons, or
 - c) Product failure is due to accidents during use, installation or transit, power surges, use of defective or incompatible external devices, exposure to abnormal conditions such as excessive temperatures or humidity, or entry of liquids, objects or creatures into the product.
13. No one is authorised to assume any liability on behalf of TEAC or impose any obligation on it, in connection with the sale of any equipment other than as stated in this warranty and outlined above.
14. TEAC reserves the right to inspect and verify whether the product is exhibiting a major failure as claimed by customers/retailers.
15. LCD dead pixel policy, please contact TEAC Customer Support Hotline on 1300 553 315 for assistance.

Safety Precautions

To achieve the utmost in enjoyment and performance, and in order to become familiar with its features, please read this manual carefully before attempting to operate this product, this will assure you years of trouble free performance and listening pleasure.

Important Notes

- This safety and operating instruction should be retained for future reference.
- The apparatus should not be exposed to dripping or splashing or placed in a humid atmosphere such as a bathroom.
- Do not install the product in the following areas:
 - Places exposed to direct sunlight or close to radiators
 - On top of other stereo equipment that radiate too much heat
 - Blocking ventilation or in a dusty area
 - Areas where there is constant vibration
 - Humid or moist places.
- Do not place near candles or other naked flames
- Operate the product only as instructed in this manual
- Before turning on the power for the first time, make sure the power adaptor is properly connected.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel.

Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personnel.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

DANGEROUS VOLTAGE



Dangerous Voltages, that may be of sufficient magnitude to constitute a risk of electric shock to persons are present within this product's enclosure.

ATTENTION



The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

Note: This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

Safety Information

Some Do's and Don'ts on the Safe Use of Equipment

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and unplug the power before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DON'T remove any fixed cover as this may expose dangerous voltages.

Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on/near the equipment.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.




DON'T continue to operate the equipment if you are in any doubt about if it's working normally or if it's damaged in any way. Switch it off, unplug the mains power and consult your dealer.

ESD Remark: In case of malfunction due to electrostatic discharge just reset the product (reconnection of mains power maybe required) to resume normal operation.

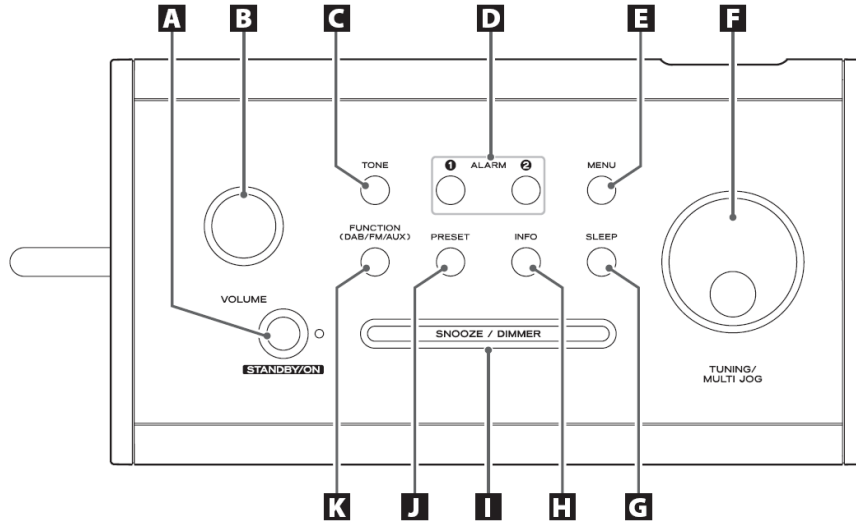
Table of Contents



<i>Safety Precautions</i>	2
<i>Safety Information</i>	3
<i>Package Contents</i>	5
Front Overview	6
Back Overview	7
<i>DAB+ Mode</i>	9
How to Turn on?	9
How to Change to another Station?	9
How to Prune?	9
How to Update Stations List?	9
How to View Station Information?	10
How to Set DRC (Dynamic Range Control) Value?	10
DAB+ Menu Tree	11
<i>FM Mode</i>	12
How to Tune to FM Mode?	12
How to Search Programs?	12
How to Start Scan for available station?	12
How to Change Audio Setting?	12
How to View Station Information?	12
FM Menu Tree	13
How to Set Station Presets (DAB+ and FM mode)?	13
How to Recall Preset station (DAB+ and FM mode)?	13
<i>AUX IN Mode</i>	14
<i>General Operation</i>	14
Set Sleep	14
Set Display Dimmer	14
Set Time	15
Set Equaliser	15
Set Language	15
Factory Reset	15
SW version	15
Set Alarm	16
<i>Specification</i>	17

Package Contents

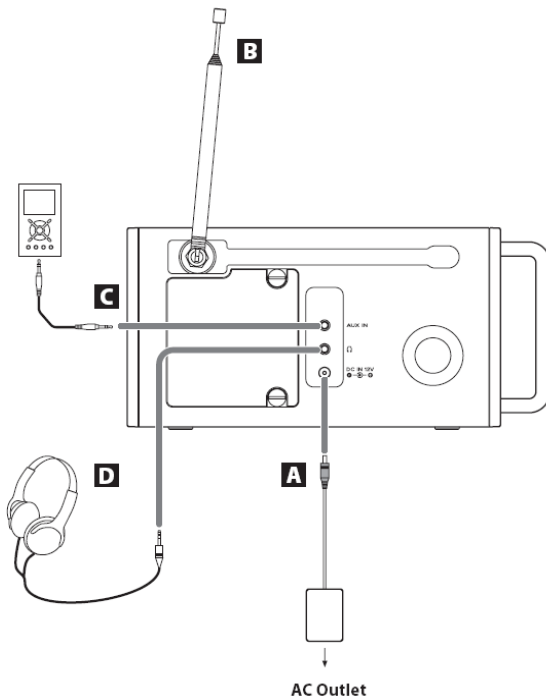
Main unit	
Adapter	 <p><i>(To prolong your radio's lifespan, please use the adapter we provided only.)</i></p>
User manual	

Front Overview



NO.	Control	All mode
A	STANDBY/ON	Press to turn on/off radio When alarm sounds , press to turn alarm off Power On – red indicator 'OFF', Power OFF – red indicator 'ON'
B	VOLUME	Turning it to adjust volume level
C	TONE	Press to enter Equalizer settings
D	1 ALARM 2	Press to enter relevant alarm settings
E	MENU	Press to enter main menu and select other menus
F	TUNING/ MULTI JOG	Rotate to browse menu options, press to confirm <i>(Note: From this chapters onwards, this knob will be referred to as TUNING knob)</i>
G	SLEEP	Press to access sleep settings
H	INFO	 DAB+ and FM mode: Press to display station and program information
I	SNOOZE/DIMMER	When alarm sounds , press to postpone alarm. Press to change front panel display brightness level.
J	PRESET	 DAB+ and FM mode: Press and hold to activate store function, Press to recall preset station.
K	FUNCTION (DAB/FM/AUX)	Press to switch between DAB+, FM and AUX IN mode

Back Overview



No.	Socket	Remark
A	DC IN	<ul style="list-style-type: none"> Connect the provided AC/DC power adaptor (12V) to this socket, and then connect the AC/DC adaptor plug to the AC wall outlet. ! Do not use any AC adaptors other than the one included with this unit to avoid fire, electric shock, etc. Be sure that only connect to an AC outlet that match the AC adaptor.
B	Telescopic antenna	<ul style="list-style-type: none"> Extend the telescopic aerial to ensure best reception for DAB+ and FM modes.
C	3.5mm AUX IN socket	<ul style="list-style-type: none"> Connects to external audio device. When connect the 3.5mm PHONES jack from your MP3 player, you must adjust the volume of the MP3 player or you may not hear sound from your R-5. Turning up volume too high on your MP3 player may cause sound distortion from your R-5. If this is the case, reduce the volume on the MP3 player until the distortion stops and then adjust the volume level on the R-5 to a comfortable listening level.
D	Headphone socket:	<ul style="list-style-type: none"> For private listening, insert your headphones' plug into this jack, and adjust VOLUME knob. By inserting a headphone jack will automatically mutes the built-in loudspeaker.

Connecting the battery pack

The R-5DAB uses a Nickel-Metal-Hydride battery pack stored in the battery compartment.

The battery pack's connector is not connected to prevent discharge when you purchase the unit.

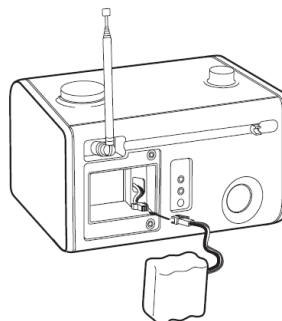
Connect the battery pack before using the unit for the first time.

Caution:

Do not heat or disassemble rechargeable batteries. Never dispose of old batteries by throwing them into fire or open water.

The cycles of recharging the Nickel-Metal- Hydride battery pack diminish the battery's capacity. It is called "Memory effect". To prevent this, sometimes the battery must be discharged before you recharge it.

1. Loosen the two screws on the battery compartment cover.
2. Remove the cover.
3. Connect the battery pack connector.



4. Replace the cover and tighten the screws.

Checking the battery icon

The battery icon state varies depending on the AC adaptor, battery pack, and power standby/on states.

When connected to AC adaptor and batteries		
Unit \ Battery pack	Not fully charged (charging)	Fully charged
Standby	icon blinking	No icon
ON	icon blinking	No icon

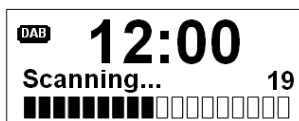
When connected to AC adaptor only	
Standby	icon blinking
ON	No icon

When connected to batteries only		
Unit \ Battery pack	Not fully charged (charging)	Fully charged
Standby	icon shown	No icon
ON	icon shown	No icon

DAB+ Mode

How to Turn on?

1. Place the unit on a flat stable surface and extend the telescopic aerial to ensure best reception in both DAB+ and FM modes. Connect the power adaptor to the DC jack on the rear of the unit, and press **⏻** **STANDBY** to switch it on. A message -- 'Welcome to Digital Radio' will be followed.
2. For initial use, it will automatically run a full scan and save all the detected stations into memory. Once the scanning completed, the first station in its station list will be selected for listening



@ **Note:** a. if no DAB+ signal is found in your area, relocate your radio and perform another scan

How to Change to another Station?



1. While playing a DAB+ program, you can change to another station by rotate **TUNING** knob to browse.
2. Press **TUNING** knob to confirm the program you selected.

How to Prune?

@ **Note:** *Pruning removes inactive stations from the station list*

1. Press **MENU** → rotate **TUNING** knob to select '**Prune**', press **TUNING** knob to confirm, '**Prune? <No> Yes**'.
2. Rotate **TUNING** knob to '**Yes**', press **TUNING** knob to confirm.

How to Update Stations List?

@ **Note:** *It's recommended to do a full scan every now and then to add any new stations to the station list*

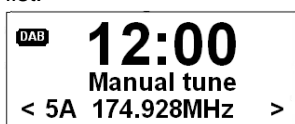
Press **MENU** → press **TUNING** knob to select '**Full scan**', the unit will scan all the DAB+ channels and add any new stations available to its station list.

How to View Station Information?

While playing a DAB+ program, press **INFO** repeatedly to display station information such as station signal strength, program type, multiple name, program frequency, signal error rate, time and date, etc

How to Start Manual Tune?

1. Press **MENU** à rotate **TUNING** knob to select < **Manual tune** >.
2. Press **TUNING** knob to confirm, the display will show the channel number and frequency list.



3. Rotate **TUNING** knob scroll through the channels and press **TUNING** knob to select preferred radio channel.

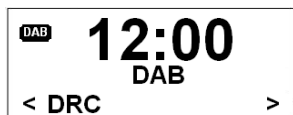
@ Note: If there is a multiplex corresponding to this channel and frequency, then the display will show a tuning meter with the signal strength and the multiplex name after a few seconds.

4. Press **TUNING** knob to exit this order.

How to Set DRC (Dynamic Range Control) Value?

The DRC makes quieter sounds easier to hear when your radio is used in a noisy environment.

1. Press **MENU**, and then rotate **TUNING** knob to select < **DRC** >, press **TUNING** to confirm.



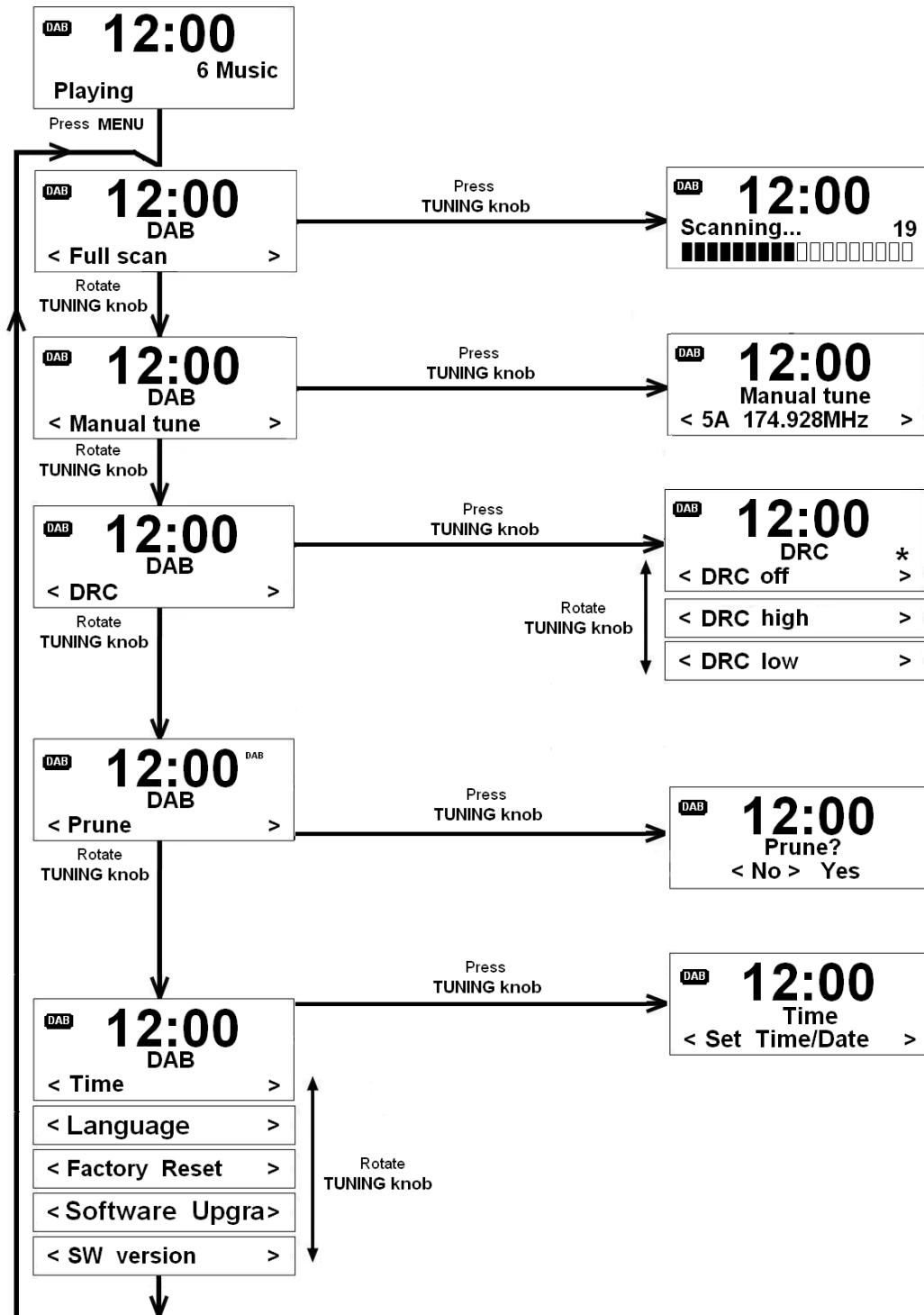
2. Rotate **TUNING** knob to browse options: off/low/high.

@ Note:

- a. Set DRC to off means no compression;
- b. Set DRC to low indicates little compression;
- c. Set DRC to high shows maximum compression.

3. Press **TUNING** knob to confirm your preferred option.

DAB+ Menu Tree



FM Mode

How to Tune to FM Mode?



1. Press **FUNCTION** to switch from DAB+ Mode to '**FM Mode**'.

How to Search Programs?

1. Once in FM mode, it will start at the beginning of the FM frequency range (87.50MHz). Otherwise, it will play the last FM station you were listening to.

2. Manual Scan

Slowly rotate **TUNING** knob to change frequency by 0.05MHz per step.

3. Automatic Scan

Press **TUNING** knob.

How to Start Scan for available station?

1. By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.
2. To change the scan settings to stop only at stations with good signal strength, press **MENU** à **< Scan setting >** à '**Strong stations only?**' press **TUNING** knob to confirm.

How to Change Audio Setting?

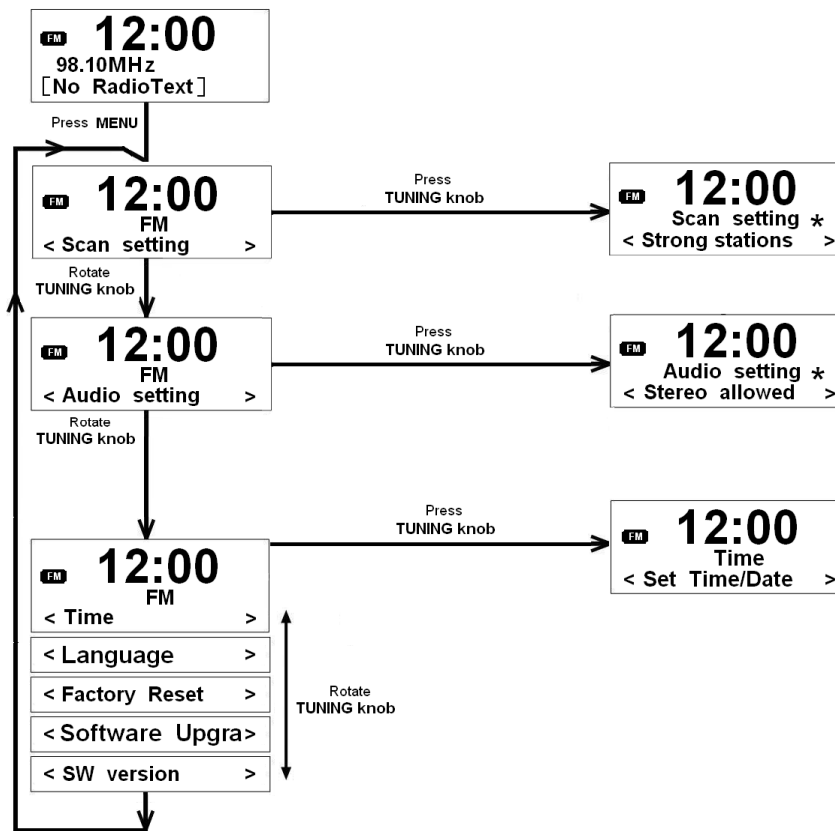
1. By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss).
2. To play weak stations in mono, press **MENU** à **< Audio setting >** à **Forced mono**, press **TUNING** knob to confirm.

How to View Station Information?

@ **Note:** only available for DAB+ and FM mode.

While listening to a DAB+/FM program, you can view station information by pressing **INFO** repeatedly. The information is displayed on the second line of the display.

FM Menu Tree



How to Set Station Presets (DAB+ and FM mode)?

Your radio can store 10 DAB+ and 10 FM station presets. **To store the current station:**

1. Press and hold **PRESETS** button, until it shows: '**Preset Store <1: (Empty)>**'.
2. Rotate **TUNING** knob to cycle through preset stations 1-10.
3. Once you have located your favourite preset position, press **TUNING** knob, it will show: '**Preset # stored**' followed by specified preset number shows up.

Note: # stands for preset station numbers from 1 - 10

How to Recall Preset station (DAB+ and FM mode)?

To recall a preset station:

1. Press **FUNCTION** repeatedly to switch mode (DAB+/FM mode).
2. Press **PRESET** button to access to preset station list: '**Preset Recall #**'.

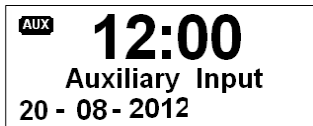


3. Rotate **TUNING** knob to locate 1 of your favourite 10 stations, press **TUNING** knob to confirm.

AUX IN Mode

@ Note: This radio has an auxiliary input which can be used as an audio speaker system for external audio device such MP3 or CD player.

1. Connect an external audio device to the AUX IN socket using a 3.5mm audio stereo cable (not included).
2. Press **FUNCTION** repeatedly until '**Auxiliary Input Mode**' is displayed.



3. To gain optimal volume levels, adjust the output volume level on both of the source device and on radio itself is recommended.

@ Note: AUX IN allows for quick and easy connection to an MP3 player or other external audio device sources.

General Operation

Set Sleep

@ Note: Your radio can be set to turn off after reaching a pre-define time.

1. Press **SLEEP** to enter '**Set sleep time ----- sleep off**'.
2. Rotate **TUNING** knob to select your desire sleep time: off/15/30/45/60/90 minutes
3. Press **TUNING** knob to confirm your sleep time.
5. Radio will turn off after reaching this pre-defined time.
6. To continue listening to your program, press **⏻** to power it on.

Set Display Dimmer

@ Note. Select the front panel display backlight level of to suit your preference

Press **SNOOZE/DIMMER** repeatedly to adjust dimmer, 4 Settings available: Maximum, medium, low and off.

Set Time

1. Press **MENU**à '**<Time>**',--- '**Set 12/24 hour**'.
2. Rotate **TUNING** knob to enter a range of time settings:
 - n **<Set Time/Date>**: *Manually set-up both Time and Date*
 - n **<Auto update>**: *'Update from DAB', 'Update from FM' and 'No update'*
 - n **<Set date format>**: *DD-MM-YYYY' and 'MM-DD-YYYY'*
 - n **<Set 12/24 hour format>**: *'Set 24 hour' and 'Set 12 hour'*

Set Equaliser

@ Note: Note: *The sound system of your unit can be adjust to suit your personal listening taste by setting the bass and treble levels.*

1. Press **TONE** to enter **Equalizer** mode, rotate **TUNING** Knob to select Treble or Bass, press **TUNING** Knob to confirm.
2. Set your personal preference for each configuration, each level ranges from +5 to -5.

Set Language

1. Press **MENU**à '**Language**', rotate **TUNING** knob to confirm.
2. Rotate **TUNING** knob to select: '**English**', '**Frangais**', '**Deutsch**' and '**Italiano**'.
3. When your desired language comes up, press **TUNING** knob to confirm.

Factory Reset

@ Note: *Performing a factory reset will reset all settings including alarms and preset stations to return its factory default settings.*

1. Press **MENU**à '**Factory Reset**'à '**Factory Reset? <No> Yes**'.
2. Rotate **TUNING** knob to '**Yes**', and then press **TUNING** knob to confirm.

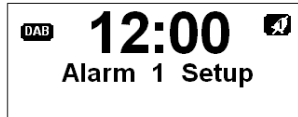
SW version

1. Press **MENU**, rotate **TUNING** Knob to select '**<SW version>**'.
2. Press **TUNING** knob to confirm.

Set Alarm

@ **Note:** Ensure that time is set correctly before setting the Alarm.

1. Press **ALARM1** to select '**Alarm 1 Setup**', with alarm1 icon blinking.



2. Or press **ALARM2** to select '**Alarm 2 Setup**' mode, , Let's take Alarm1 setup for example
3. Press **TUNING** Knob to enter '**Alarm 1 Wizard**', follow the radio's display instructions to configure the following parameters:

- * **On time:** 06: 00 (alarm sounding time)
- * **Source:** Buzzer/DAB/FM
- * **Alarm sounds frequency:** Daily, Once, Weekends or weekdays
- * **Alarm volume:** turn **TUNING** knob to your favor alarm volume, and then press **TUNING** knob to confirm, your radio will indicate '**Alarm saved**'.

Repeat above 3 steps for Alarm 2 Setup settings

To Operate SNOOZE

- When Alarm wake up, press **SNOOZE/DIMMER** to postpone alarm for 5 minutes, or press **SNOOZE/DIMMER** repeatedly to select your desired snooze time.
- While in SNOOZE function, your radio is in standby mode and continue to countdown, During this time you can press **STANDBY/ON** to stop snooze, or press **STANDBY/ON** again to have your radio play.
- When radio reached SNOOZE time, it will be sound again.

To Turn Off Alarm

1. To turn alarm off temporarily, press **STANDBY/ON**.
2. To turn alarm off permanently, press corresponding alarm button: **ALARM1** or **ALARM2**, and then rotate **TUNING** knob to ' Alarm Off', press **TUNING** knob to confirm and it displays '**Alarm saved**'.

Volume Control

Adjust the radio volume by turning **Volume** knob.

Specification

ITEMS		DESCRIPTION	
Specifications:	DAB+, FM digital Radio		
Frequency Ranges:	FM : 87.5-108MHz		DAB+ : 174 -240MHz
Power Requirement (AC adaptor):	100-240Vac, 50-60Hz	Output DC 12V/1250mA	
Speaker Type:	65 mm		
Speaker Impedance:	6 ohms		
Power Consumption :	8 W (at operation)		15 W (during the charge)
Dimension:	238mm x 120mm x 130mm		
Net Weight:	1.2kg (including battery pack)		

Note: Specification subject to change without notice.
Weight and dimensions are approximate



TEAC CUSTOMER SUPPORT HOTLINE (TCS)

1300 553 315

Between Monday to Friday – AEST 8.30AM to 6PM